

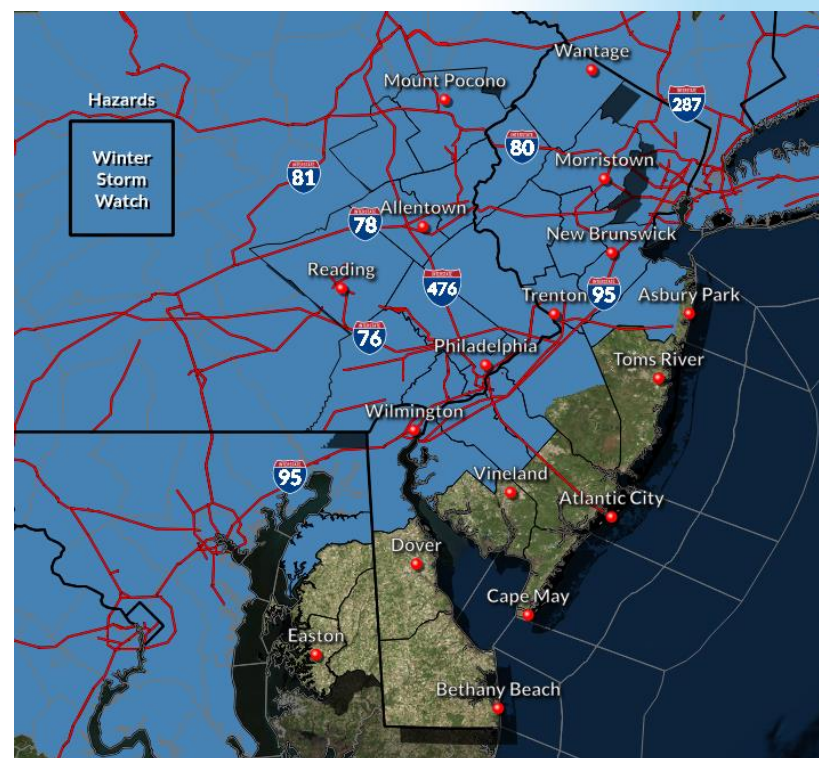
# Winter Storm

## February 18-19, 2021




### Decision Support Briefing #2 As of: 6 AM, Wednesday, February 17, 2021

#### ***What Has Changed?***

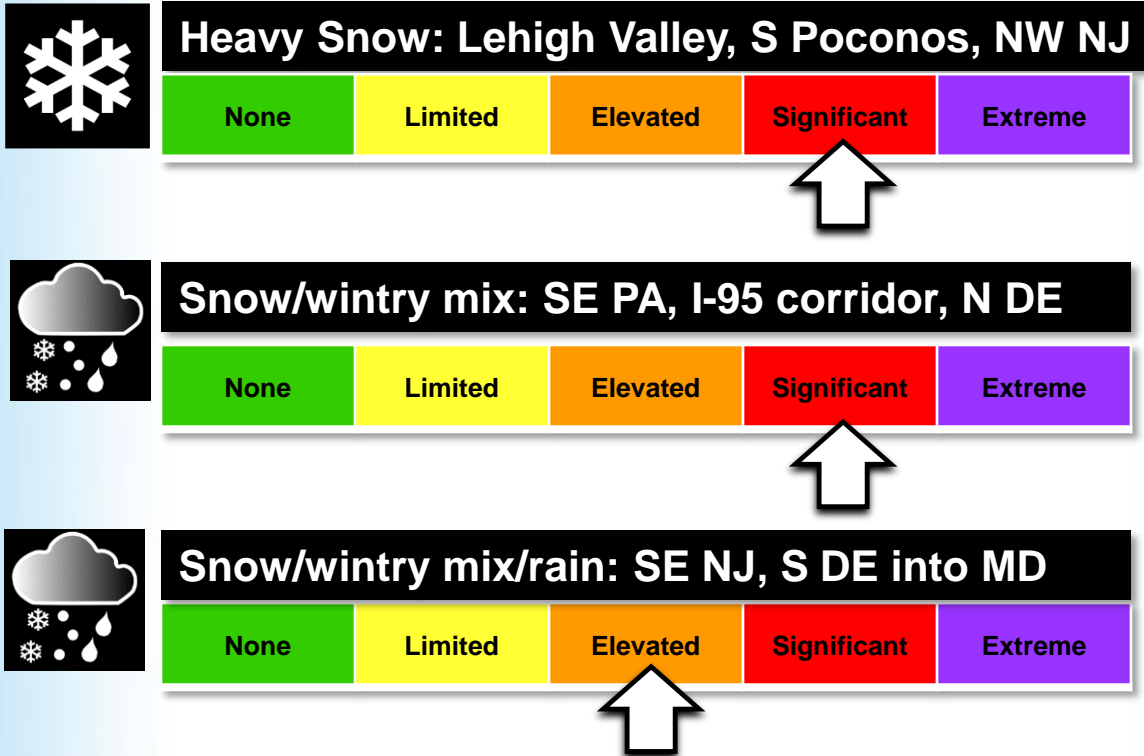
- ✓ Storm system has shifted a little farther south and east (a little colder).
- ✓ Some southeastward increase in snow totals.
- ✓ Ice amounts from freezing rain decreased some.



## Main Points

Hazard	Impacts	Location	Timing
Heavy Snow 	Heavy snow, with amounts of 5-8 inches will result in hazardous driving conditions.	Southern Poconos, northwest NJ, Lehigh Valley, Berks County.	Snow develops very late tonight and becomes heavy at times Thursday before ending during Friday.
Snow/Wintry Mix 	Snow heavy for a time with amounts of 4-6 inches eventually becoming a wintry mix of snow, sleet, and in some areas freezing rain. Up to one-tenth of an inch of ice possible.	Southeast PA, portions of central and southern NJ along the I-95 corridor, northern DE.	Snow develops very late tonight and may be heavy at times Thursday morning, before changing to a wintry mix for some areas. Wintry mix ends during Friday.
Snow/Wintry Mix/Rain 	Snow with amounts of 1-4 inches, becoming a wintry mix, then eventually becoming rain.	Portions of southeast NJ, southern Delmarva and northeast MD.	Snow develops very late tonight and may be heavy for a time Thursday morning, before changing to sleet and rain Thursday afternoon and Thursday night.

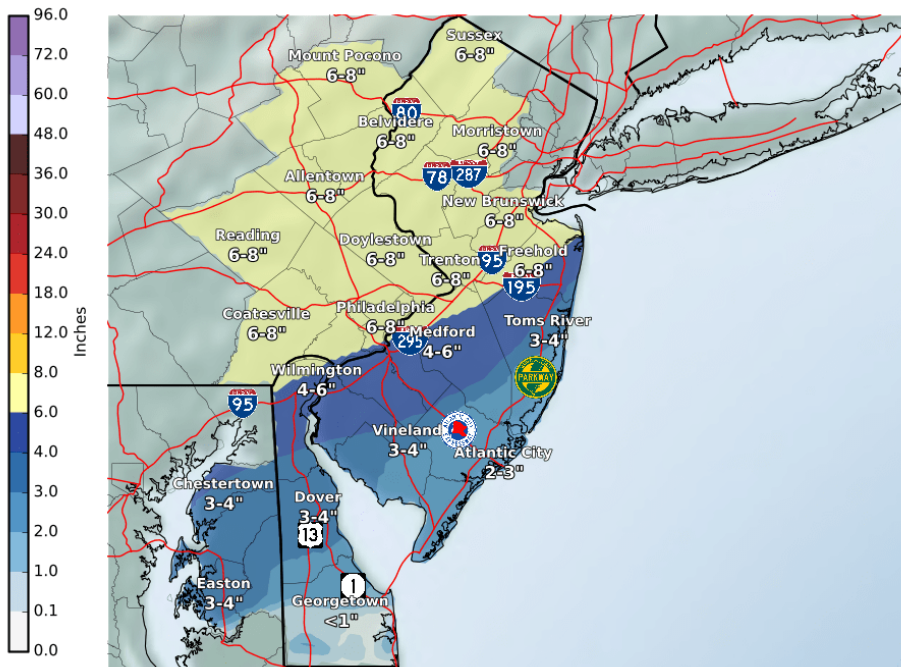
# Summary of Greatest Impacts



# Expected Snowfall Accumulation

## Expected Snowfall - Official NWS Forecast

Valid: 02/18/2021 01:00 AM - 02/19/2021 01:00 PM



National Weather Service  
Mount Holly, NJ  
02/17/2021 03:21 AM EST

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- ✓ High confidence in widespread accumulating snow across the northern third of the area.
- ✓ Lower confidence in snow amounts across the southern two-thirds of the area due to sleet, mixing and/or a change to rain.

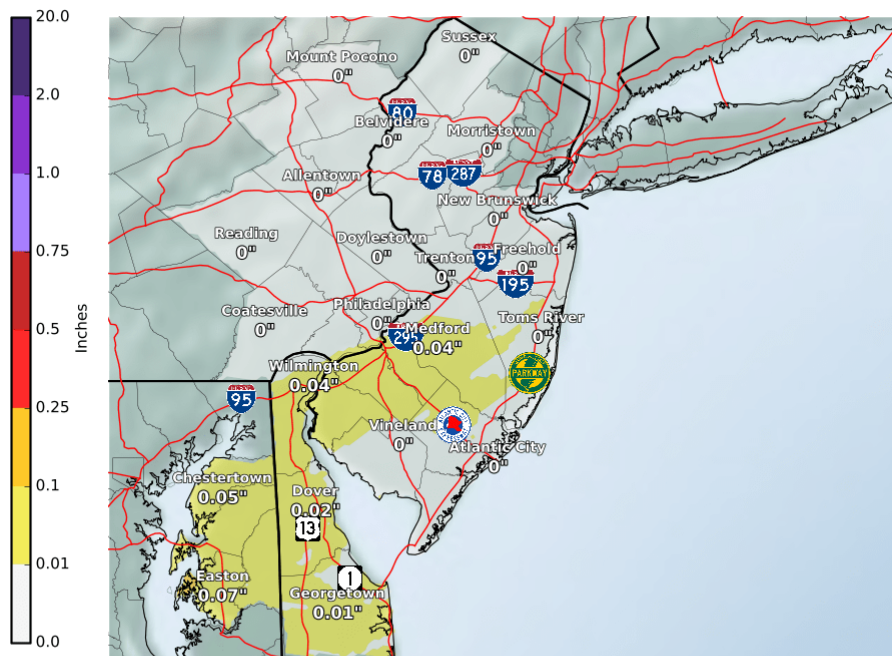
Impacts	Extreme			
	Significant		X	
	Elevated			
	Limited			
	None			
		Low	Moderate	High
		Confidence		



# Expected Ice Accumulation

## Expected Ice Accumulation- Official NWS Forecast

Valid: 02/18/2021 07:00 AM - 02/19/2021 07:00 AM



**National Weather Service**  
Mount Holly, NJ  
02/17/2021 03:27 AM EST

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[weather.gov/phi/winter](https://weather.gov/phi/winter)

- ✓ Moderate confidence in ice accretion across portions of far southeast PA, southern NJ and Delmarva.

Impacts ↑	Extreme			
	Significant			
	Elevated			
	Limited		X	
	None			
		Low	Moderate	High
		Confidence →		



## **Event Summary**

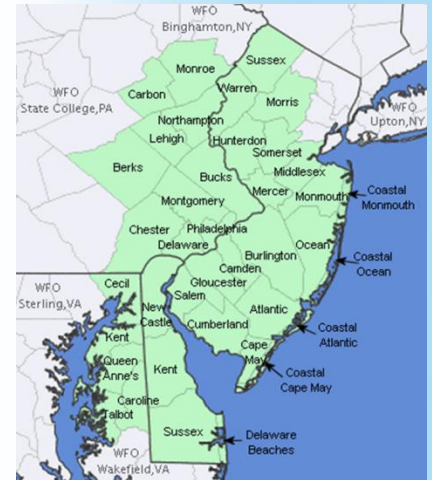
- ✓ A Winter Storm Watch remains in effect for eastern Pennsylvania, most of New Jersey, northern Delaware and a portion of northeast Maryland.
- ✓ Snow develops very late tonight/early Thursday morning, and may become heavy at times through early Thursday afternoon (about 6 AM through 2 PM) when hourly snowfall rates up to 1 inch is possible. This is when road conditions would rapidly deteriorate and become hazardous, especially with temperatures below freezing.
- ✓ Snowfall amounts along and south/east of I-95 will depend on how much mixing occurs. There are some indications that a longer period of sleet may occur within a zone across this area.
- ✓ A little farther south and east storm track translates to colder air southeastward, which would reduce the freezing rain aspect. However, this will depend on how much of a warm layer aloft is present and how far inland it gets.
- ✓ The bulk of the accumulating snow still looks to occur Thursday into Thursday night, with some lighter wintry precipitation lingering into Friday.

# Contact and Next Briefing Information



**Next Briefing**  
*By 5 PM Wednesday,  
February 17, 2021.*

**Briefing Webpage:**  
[www.weather.gov/media/phi/current\\_briefing.pdf](http://www.weather.gov/media/phi/current_briefing.pdf)



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